

SPRTN 抗原（重组蛋白）

中文名称：SPRTN 抗原（重组蛋白）

英文名称：SPRTN Antigen (Recombinant Protein)

别名：SprT-like N-terminal domain; DVC1; PRO4323; spartan; C1orf124

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1-243 amino acids of human SPRTN

技术规格

Full name:	SprT-like N-terminal domain
Synonyms:	DVC1; PRO4323; spartan; C1orf124
Swissprot:	Q9H040
Gene Accession:	BC015740
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene may play a role in DNA repair during replication of damaged DNA. This protein recruits valosin containing protein (p97) to stalled DNA replication forks where it may prevent excessive translesional DNA synthesis and limit the number of DNA-damage induced mutations. It may also be involved in replication-related G2/M-checkpoint regulation. Deficiency of a similar protein in mouse causes chromosomal instability and progeroid phenotypes. Mutations in this gene have been associated with Ruijs-Aalfs syndrome (RJALS). Alternatively spliced transcript variants have been identified.

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